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| Substitute for | or form 1449A/PT | 0 | | Complete if Known | | |
| | | | | Application Number | 10/578,600 | |
| l IN | FORMATI | ON | DISCLOSURE | Filing Date | March 31, 2008 | |
| | | | | First Named Inventor | James M. BRUGGER | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Art Unit | 3761 | | | |
| | (use as man | y she | ets as necessary) | Examiner Name | Leslie R. Deak | |
| Sheet 1 | (| of | 2 | Attorney Docket Number | T4342-14501US02 | |

| | | | U.S. PATENT D | OCUMENTS | |
|-----------------------|---------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. 1 | Document Number Number-Kind Code ^{2 (f known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US-3,744,524 A | 07-10-1973 | Blau, Robert E. | |
| | | US-5,687,764 A | 11-18-1997 | Tanaka et al. | |
| | | US-6,308,737 B1 | 10-30-2001 | Krivitski, Nikolai M. | |
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| Initials* No | | Date | Applicant of Cited Document | | |
|--------------|--|------------|-------------------------------------|--|----|
| | Country Code ³ Number ⁴ -Kind Code ⁵ (if known) Date MM-DD-YYYY | | Applicant of Cited Document | Where Relevant Passages Or Relevant Figures Appear | Te |
| JF | 03-223576 | 10-02-1991 | Kawabe Tatsu | | |
| JF | 07-248066 | 09-26-1995 | Nippon Furnace Kogyo Kaisha Ltd. | | |
| W | O 03/006944 A2 | 01-23-2003 | NxStage Medical, Inc. | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

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| | (use as ma | iny sh | eets as necessary) | Examiner Name | Leslie R. Deak |
| Sheet | 2 | of | 2 | Attorney Docket Number | T4342-14501US02 |

| | | NON PATENT LITERATURE DOCUMENTS | | | |
|-----------------------|--------------|---|--|--|--|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | |
| | | International Application No. PCT/US2004/036933 -International Preliminary Report on Patentability completed March 7, 2007 | | | |
| | | International Application No. PCT/US2004/036933 - International Search Report mailed November 14, 2005 | | | |
| | | International Application No. PCT/US2004/036933 - Written Opinion mailed November 14, 2005 | | | |
| | | European Application No. EP 04 81 0398 - Supplementary European Search Report dated July 30, 2009 | | | |
| | | Japanese Application No. 2006-538506 - Office Action dated May 26, 2009 | | | |
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